

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	US-20070034569-\$. DID.	US-PGPUB; USPAT	ADJ	ON	2008/06/29 18:00
S2	3	("4767639"   "4931186"   "4935143").PN.	US-PGPUB; USPAT	ADJ	ON	2008/06/29 18:02
S3	30	(210/636 OR 210/650 OR 210/321.69 OR 210/321.88).OCLS. AND (liquid backwash OR liquid backflush OR liquid back wash OR liquid back flush)	US-PGPUB; USPAT	ADJ	ON	2008/06/30 09:42
S4	1	US-20020070157-\$. DID.	US-PGPUB; USPAT	ADJ	ON	2008/08/14 19:48
S5	1	"5607593".PN.	US-PGPUB; USPAT	ADJ	ON	2008/08/14 19:50
S6	1	"6325938".PN.	US-PGPUB; USPAT	ADJ	ON	2008/08/14 19:56
S7	24	Johnson-Warren- Thomas.IN.	US-PGPUB; USPAT	ADJ	ON	2008/08/15 19:54
S8	34	("3838776"   "3912624"   "3992301"   "4125462"   "4214020"   "4220535"   "4414113"   "4545940"   "4767539").PN. OR ("4931186").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/15 20:05
S9	29	("4552669"   "4579662"   "4767539"   "4816160").PN. OR ("4935143").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/15 20:17
S10	551	(210/636).OCLS.	US-PGPUB; USPAT	ADJ	ON	2008/08/15 20:27

S11	0	(microfiltration or ultrafiltration) SAME (backflush or backwash) SAME (gas or air) SAME (detergent or surfactant)	US-PGPUB; USPAT	ADJ	ON	2008/08/15 20:44
S12	28	(microfiltration or ultrafiltration) SAME (backflush or backwash) SAME (gas or air)	US-PGPUB; USPAT	ADJ	ON	2008/08/15 20:44
S13	8	(microfiltration or ultrafiltration) SAME (back flush OR back wash) SAME (gas or air)	US-PGPUB; USPAT	ADJ	ON	2008/08/15 20:54
S14	1	"3912624".PN.	US-PGPUB; USPAT	ADJ	ON	2008/08/16 10:46
S15	23	("2570132"   "2710099"   "3782556"   "3786924"   "3794169").PN. OR ("3912624").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/16 10:46
S16	64	(210/636).OCLS. AND ((backwash OR back wash OR backflush OR back flush OR backpulse or back pulse) NEAR5 (gas OR air))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/16 17:08
S17	71	((backwash OR back wash OR backflush OR back flush OR backpulse or back pulse) NEAR5 (gas OR air) SAME (membrane OR ultrafiltration OR microfiltration)).TI,AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/16 22:27
S18	771	((backwash OR back wash OR backflush OR back flush OR backpulse or back pulse) NEAR5 (gas OR air)).TI,AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/16 22:50
S19	37	((membrane) WITH (chemical cleaning)) AND (gas OR air)).TI, AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/16 23:33

S20	592	(210/636).OCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/17 22:32
S21	621	(210/636).OCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/11 17:11

### EAST Search History (I nterference)

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